



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 88 48 47

Classification of the application (IPC):
H02J 3/38, H02J 7/35, H02J 3/32, H02S 40/32, H02S 20/30

Technical fields searched (IPC):
H02J

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	WO 2011040470 A1 (SANYO ELECTRIC CO [JP]; NAKASHIMA TAKESHI [JP] ET AL.) 07 April 2011 (2011-04-07) * the whole document *	1, 3-9 2, 10
Y	US 2012173034 A1 (TAIMA KENJI [JP]) 05 July 2012 (2012-07-05) * paragraphs [0042], [0043], [0045], [0050] - [0052]; figure 1 *	2, 10
A	JP 2004362787 A (HITACHI HOME & LIFE SOLUTIONS) 24 December 2004 (2004-12-24) * the whole document *	1-10
A	EP 2648304 A2 (SONY CORP [JP]) 09 October 2013 (2013-10-09) * paragraphs [0069] - [0110]; figures 13,14 *	1-10
A	JP 3172855 U (HOTPLAN KK) 12 January 2012 (2012-01-12) * the whole document *	1-10
A	US 2013264865 A1 (SUGENO NAOYUKI [JP] ET AL) 10 October 2013 (2013-10-10) * paragraphs [0102] - [0172]; figures 13,14 *	1-10

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 17 April 2019	Examiner Chaumeron, Bernard
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 17-04-2019
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